



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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D350-591-311
Job Sheet 191887



Part No: D350-591-311

Job Qty: 10 pcs

Part Name: Heli-Access-Step™ LH - High Gear, Long Step, Aerazur Float Compatible



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 3/11/19

Job Tracking No:

Due Date: 5/1/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV B IPP Rev:A 04.03.22 New issue KJ/RF IPP Rev:B 07-06-09 Added D3272-1 JLM IPP C returned to CHG001 for Eurocopter, ref NCR08-082 LL verified by:EC IPP Rev:D fixe route seq in bom DD 10.04.28 verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Large Fab - Steps - 1	10 pcs	5/1/19		0.00	9.91	Large Fab - 1		SLC
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		
							Large Fab - 5		
							Large Fab - 6		
							Large Fab - 7		
							Large Fab - 8		
120	QC 9	10 pcs	5/1/19		0.00	0.00	Large Fab - 9		MAY 02 2019
							QC 9 - 10		
							QC 9 - 18	DAS 24 9-89	
							QC 9 - 24		
							QC 9 - 43		
							QC 9 - 50		
130	QC 5	10 pcs	5/1/19		0.00	0.00	QC 9 - 9		MAY 02 2019
							QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22	DAS 24 9-89	
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 42		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		

ARC's
order # 12224

140	Handfinish - 1-1 Chemical-B4B	10 pcs	5/1/19	0.00 1.84	QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					QC 5 - 40	
					Handfinish - 1 - 1 - B4B	
					Handfinish - 1 - 2 - B4B	
					Handfinish - 1 - 3 - B4B	
					Handfinish - 1 - 4 - B4B	
					Handfinish - 1 - 5 - B4B	
					Handfinish - 1 - 6 - B4B	
					Handfinish - 1 - 7 - B4B	
					Handfinish - 1 - 8 - B4B	
					Handfinish - 1 - 9 - B4B	
					Handfinish - 1 - 10 - B4B	D.R19/05/07
					Handfinish - 1 - 11 - B4B	
					Handfinish - 1 - 12 - B4B	
					Handfinish - 1 - 13 - B4B	
					Handfinish - 1 - 14 - B4B	
					Handfinish - 1 - 15 - B4B	
					Handfinish - 1 - 16 - B4B	
					Handfinish - 1 - 17 - B4B	
					Handfinish - 1 - 18 - B4B	
					Handfinish - 1 - 19 - B4B	
					Handfinish - 1 - 20 - B4B	
					Handfinish - 1 - 21 - B4B	
					Handfinish - 1 - 22 - B4B	
150	QC 7	10 pcs	5/1/19	0.00 0.00	QC 7 - 10	
					QC 7 - 13	
					QC 7 - 14	
					QC 7 - 15	
					QC 7 - 17	
					QC 7 - 18	
					QC 7 - 19	
					QC 7 - 2	
					QC 7 - 28	
					QC 7 - 3	
					QC 7 - 30	
					QC 7 - 34	
					QC 7 - 36	
					QC 7 - 37	
					QC 7 - 41	
					QC 7 - 47	
					QC 7 - 48	
					QC 7 - 51	
					QC 7 - 58	
					QC 7 - 59	
					QC 7 - 6	
					QC 7 - 60	

					QC 7 - 9	DAS
					QC 7 - 68	MAY 07 2019 68
					QC 7 - 50	9-89
					QC 7 - 67	
					QC 7 - 40	
180 Large Fab - Steps - 2 - B4B	10 pcs	5/1/19	0.00 9.91		Large Fab - 1 - B4B	
					Large Fab - 10 - B4B	5/1/19
					Large Fab - 2 - B4B	
					Large Fab - 3 - B4B	
					Large Fab - 4 - B4B	
					Large Fab - 5 - B4B	
					Large Fab - 6 - B4B	
					Large Fab - 7 - B4B	
					Large Fab - 8 - B4B	
					Large Fab - 9 - B4B	
190 QC 10	10 pcs	5/1/19	0.00 0.00		QC 10 - 10	
					QC 10 - 18	
					QC 10 - 24	DAS
					QC 10 - 43	24
					QC 10 - 50	9-89
					QC 10 - 58	
					QC 10 - 9	
					QC 5 - 10	
200 QC 5	10 pcs	5/1/19	0.00 0.00		QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	DAS
					QC 5 - 3	24
					QC 5 - 42	9-89
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					QC 5 - 40	
210 Handfinish - 1-2- Chemical-B4B	10 pcs	5/1/19	0.00 1.84		Handfinish - 1 - 1 - B4B	
					Handfinish - 1 - 2 - B4B	
					Handfinish - 1 - 3 - B4B	
					Handfinish - 1 - 4 - B4B	
					Handfinish - 1 - 5 - B4B	
					Handfinish - 1 - 6 - B4B	
					Handfinish - 1 - 7 - B4B	
					Handfinish - 1 - 8 - B4B	
					Handfinish - 1 - 9 - B4B	
					Handfinish - 1 - 10 - B4B	DR 19/05/13
					Handfinish - 1 - 11 - B4B	
					Handfinish - 1 - 12 - B4B	
					Handfinish - 1 - 13 - B4B	
					Handfinish - 1 - 14 - B4B	
					Handfinish - 1 - 15 -	

						B4B	
						Handfinish - 1 - 16 - B4B	
						Handfinish - 1 - 17 - B4B	
						Handfinish - 1 - 18 - B4B	
						Handfinish - 1 - 19 - B4B	
						Handfinish - 1 - 20 - B4B	
						Handfinish - 1 - 21 - B4B	
						Handfinish - 1 - 22 - B4B	
220	Powdercoat - 1 White GI(A)- B4B	10 pcs	5/1/19	0.00	2.90	Powdercoat - 1 - B4B	
						Powdercoat - 2 - B4B	
						Powdercoat - 3 - B4B	
						Powdercoat - 4 - B4B	
230	Handfinish - 3-1- WingWalk- B4B	10 pcs	5/1/19	0.00	1.84	Handfinish - 3 - 1 - B4B	
						Handfinish - 3 - 2 - B4B	
						Handfinish - 3 - 3 - B4B	
						Handfinish - 3 - 4 - B4B	
						Handfinish - 3 - 5 - B4B	
240	QC 3	10 pcs	5/1/19	0.00	0.00	QC 3 - 10	
						QC 3 - 13	
						QC 3 - 15	
						QC 3 - 17	
						QC 3 - 18	
						QC 3 - 2	
						QC 3 - 26	
						QC 3 - 28	
						QC 3 - 3	
						QC 3 - 30	
						QC 3 - 34	
						QC 3 - 36	
						QC 3 - 41	
						QC 3 - 51	
						QC 3 - 58	
						QC 3 - 59	
						QC 3 - 6	
						QC 3 - 68	
						QC 3 - 9	
						QC 3 - 40	
250	Packaging 1-1 - Pick Kit - B4B	10 pcs	5/1/19	0.00	0.00	Packaging 1 - 1 - B4B	
						Packaging 1 - 2 - B4B	
						Packaging 1 - 3 - B4B	
						Packaging 1 - 4 - B4B	
						Packaging 1 - 5 - B4B	
						Packaging 1 - 6 - B4B	
						Packaging 1 - 7 - B4B	
						Packaging 1 - 8 - B4B	
						Packaging 1 - 9 - B4B	
						Packaging 1 - 10 - B4B	
						Packaging 1 - 11 - B4B	
						Packaging 1 - 12 - B4B	
						Packaging 1 - 13 - B4B	
						Packaging 1 - 14 - B4B	
						Packaging 1 - 15 - B4B	
						Packaging 1 - 16 - B4B	

				Packaging 1 - 17 - B4B	
				Packaging 1 - 18 - B4B	
				Packaging 1 - 19 - B4B	
				Packaging 1 - 20 - B4B	
				Packaging 1 - 21 - B4B	
				Packaging 1 - 22 - B4B	
				Packaging 1 - 23 - B4B	
				Packaging 1 - 24 - B4B	
				Packaging 1 - 25 - B4B	
				Packaging 1 - 26 - B4B	
				Packaging 1 - 27 - B4B	
				Packaging 1 - 28 - B4B	
				Packaging 1 - 29 - B4B	
				Packaging 1 - 30 - B4B	
				Packaging 1 - 31 - B4B	
				Packaging 1 - 32 - B4B	
				Packaging 1 - 33 - B4B	
				Packaging 1 - 34 - B4B	
				Packaging 1 - 35 - B4B	
				Packaging 1 - 36 - B4B	
260 QC 4	10 pcs	5/1/19	0.00 0.00	QC 4 - 26	
				QC 4 - 28	
				QC 4 - 42	DAS 58 JUN 03 2019
				QC 4 - 58	9-89
				QC 4 - 6	
				QC 4 - 69	
				QC 4 - 9	
				QC 4 - 46	
270 Packaging 3-1 - Stock - B4B	10 pcs	5/1/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	DAS 58 JUN 03 2019
				Packaging 3 - 7 - B4B	9-89
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	

				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	DAS
				Packaging 3 - 36 - B4B	21
275 DC - 1 - B4B	10	5/1/19	0.00 0.00	DC - 1 - B4B	21 JUN 06 2019
	pcs			DC - 2 - B4B	
280 QC 21 - FG	10	5/1/19	0.00 0.00	QC 21 - FG - 21	
	pcs			QC 21 - FG - 70	DAS
				QC 21 - FG - 53	21 JUN 06 2019

Part Op 110 - (Weld per dwg A/R Aluminum rod Batch: _____) 1-Bevel end for welding FWD ONLY 2-Weld Support using Jig
 Descriptions: DT8719, weld Fwd End Plate as per QSI 004 & Dwg D3272 A/R Aluminum Rod _____ 3-Grind End Plate flush
 120 - (QC9- Inspect visual per QSI004- Fusion Welds) *138872*
 130 - (QC5- Inspect part completeness to step on W/O)
 140 - (Chemical Conversion Coat per QSI005 4.1)
 150 - (QC7-Inspect Chemical Conversion Coat)
 180 - (Weld per dwg A/R Aluminum rod Batch: _____) 1-Assemble Leg Assembly as per Dwg D3272. 2-Leave one rivet out until welding is complete. 3-Bevel Aft end for welding 4-Inspect for foreign object as per QSI 024 5-Weld Aft End Plate as per QSI 004 & Dwg D3272 A/R Aluminum Rod _____ 6-Grind End Plate flush 7-Install last rivet as per Dwg.
 190 - (QC10- Inspect visual per QSI004- ground welds)
 200 - (QC5- Inspect part completeness to step on W/O)
 210 - (Chemical Conversion Coat per QSI005 4.1)
 220 - (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum) START TIME: _____ OVEN TEMPERATURE: _____
 FINISH TIME: _____
 230 - (Wing Walk as per dwg QSI005 4.4 Batch *3163430*)
 240 - (QC3- Inspect Part Finish)
 250 - (Pick Kit)
 260 - (QC4- 100% Inspect kits for completeness)
 270 - (Identify as per dwg & Stock Location: _____) Identify and pack for shipping as per PPPD350-591-311 Location : FG109
 275 - (Document Control) Photocopy bluefile and type labels as per PPP D350-591-311 CHG001
 280 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D3067-1	End Plate	20 pcs (2 ea)	110-Large Fab - Steps - 1	① 5143328 / 5128763
D3219-1	Plate	20 pcs (2 ea)	110-Large Fab - Steps - 1	① 5136224 / 5125734
D3272-1	Step	10 pcs (1 ea)	110-Large Fab - Steps - 1	① 5176144
D3065-041	Step Leg Assembly	10 pcs (1 ea)	180-Large Fab - Steps - 2 - B4B	① 5179466
D3066-1	Spacer	20 pcs (2 ea)	180-Large Fab - Steps - 2 - B4B	① 5128757
MS20600-AD4W4	Rivet	160 Ea (16 ea)	180-Large Fab - Steps - 2 - B4B	① 5141237-3
AN3-35A	Bolt	20 Ea (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	
AN4-13A	Bolt	80 Ea (8 ea)	250-Packaging 1-1 - Pick Kit - B4B	
AN5-36A	Bolt	20 Ea (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	
D2230-3	Mounting Lug	40 pcs (4 ea)	250-Packaging 1-1 - Pick Kit - B4B	
D2618	Bushing	20 pcs (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	
D2856-400-720	Abrasion Strip 4" X 7.20"	20 pcs (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	
D3235-1	Mounting Lug	20 pcs (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	
D3278-041	Support Assembly	10 pcs (1 ea)	250-Packaging 1-1 - Pick Kit - B4B	
MS21042L3	Nut	20 Ea (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	
MS21042L4	Nut	80 Ea (8 ea)	250-Packaging 1-1 - Pick Kit - B4B	
MS21042L5	Nut	20 Ea (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	
NAS1149D0363J	Washer	40 Ea (4 ea)	250-Packaging 1-1 - Pick Kit - B4B	
NAS1149D0463J	Washer	160 Ea (16 ea)	250-Packaging 1-1 - Pick Kit - B4B	
NAS1149D0563J	Washer	40 Ea (4 ea)	250-Packaging 1-1 - Pick Kit - B4B	

9507 ✓

+15

9708

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-Large Fab - Steps - 1	D3067-1	20	193	0
	D3219-1	20	163	0
	D3272-1	10	0	0
180-Large Fab - Steps - 2 - B4B	D3065-041	10	11	0
	D3066-1	20	167	0
	MS20600-AD4W4	160	3,553	0
250-Packaging 1-1 - Pick Kit - B4B	AN3-35A	20	582	0
	AN4-13A	80	1,827	0
	AN5-36A	20	130	0
	D2230-3	40	135	0
	D2618	20	200	0
	D2856-400-720	20	186	0
	D3235-1	20	240	0
	D3278-041	10	3	0
	MS21042L3	20	3,879	0
	MS21042L4	80	3,600	0
	MS21042L5	20	749	0
	NAS1149D0363J	40	920	0
	NAS1149D0463J	160	7,242	0
	NAS1149D0563J	40	1,551	0
Part Specifications				
Specifications could not be found.				

Plex 3/11/19 3:11 PM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____					



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CANADA
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Email: sales@dartaero.com
www.dartaerospace.com

Container No: S177109



Part: D350-591-311

Job No: 191887

Serial No/Batch: S177109

Revision:

Inspector:

Exp Date:

Instructions: TC STC SH92-6 Issue 1d and FAA STC SH967NE 0

5/6/2019

D350-591-311
[Dart Hawkesbury] Job Sheet - Decosse, Nancy

JOB 191887

				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
275 DC - 1 - B4B	10 pcs	5/1/19	0.00 0.00	DC - 1 - B4B	
				DC - 2 - B4B	
280 QC 21 - FG	10 pcs	5/1/19	0.00 0.00	QC 21 - FG - 21	
				QC 21 - FG - 70	
				QC 21 - FG - 53	

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 150 - (QC7-Inspect Chemical Conversion Coat)
 180 - (Weld per dwg A/R Aluminum rod Batch: _____) 1-Assemble Leg Assembly as per Dwg D3272. 2-Leave one rivet out until welding is complete. 3-Bevel Aft end for welding 4-Inspect for foreign object as per QSI 024 5-Weld Aft End Plate as per QSI 004 & Dwg D3272 A/R Aluminum Rod _____ 6-Grind End Plate flush 7-Install last rivet as per Dwg.
 190 - (QC10- Inspect visual per QSI004- ground welds)
 200 - (QC5- Inspect part completeness to step on W/O)
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 220 - (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum) START TIME: _____ OVEN TEMPERATURE: _____
 FINISH TIME: _____
 230 - (Wing Walk as per dwg QSI005 4.4 Batch _____)
 240 - (QC3- Inspect Part Finish)
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Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D3067-1	End Plate	20 pcs (2 ea)	110-Large Fab - Steps - 1	
D3219-1	Plate	20 pcs (2 ea)	110-Large Fab - Steps - 1	
D3272-1	Step	10 pcs (1 ea)	110-Large Fab - Steps - 1	
D3065-041	Step Leg Assembly	10 pcs (1 ea)	180-Large Fab - Steps - 2 - B4B	
D3066-1	Spacer	20 pcs (2 ea)	180-Large Fab - Steps - 2 - B4B	
MS20600-AD4W4	Rivet	160 Ea (16 ea)	180-Large Fab - Steps - 2 - B4B	
AN3-35A	Bolt	20 Ea (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	5158557
AN4-13A	Bolt	80 Ea (8 ea)	250-Packaging 1-1 - Pick Kit - B4B	5158578
AN5-36A	Bolt	20 Ea (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	5167407
D2230-3	Mounting Lug	40 pcs (4 ea)	250-Packaging 1-1 - Pick Kit - B4B	5174227
D2618	Bushing	20 pcs (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	5146466
D2856-400-720	Abrasion Strip 4" X 7.20"	20 pcs (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	5179062
D3235-1	Mounting Lug	20 pcs (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	5156055
D3278-041	Support Assembly	10 pcs (1 ea)	250-Packaging 1-1 - Pick Kit - B4B	5173412
MS21042L3	Nut	20 Ea (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	5157462
MS21042L4	Nut	80 Ea (8 ea)	250-Packaging 1-1 - Pick Kit - B4B	5166694/55
MS21042L5	Nut	20 Ea (2 ea)	250-Packaging 1-1 - Pick Kit - B4B	5149145
NAS1149D0363J	Washer	40 Ea (4 ea)	250-Packaging 1-1 - Pick Kit - B4B	5162884
NAS1149D0463J	Washer	160 Ea (16 ea)	250-Packaging 1-1 - Pick Kit - B4B	5158585
NAS1149D0563J	Washer	40 Ea (4 ea)	250-Packaging 1-1 - Pick Kit - B4B	5167648

5178812
5178815
5178816
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5179757
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5178870
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5178825